

Datasheet for ABIN7560550

PIH1D1 Protein (AA 1-290) (His tag)



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Overview

Quantity:	1 mg
Target:	PIH1D1
Protein Characteristics:	AA 1-290
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIH1D1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pih1d1 Protein expressed in mammalian cells.
Sequence:	<p>MADSTFLAPE LSDTESMGEE TVRFQELLLK ASKELQQAQT ARPDSTQIQP KPGFCVKTNS</p> <p>SEGKVFINIC HSPSIPPPAD VTEDELLQML EEDQAGFRIP MSLGEPHAEL DAKGQGCTAY</p> <p>DVAVNSNFYL RMQNSDFLRE LVVTIAREGL EDKYGLQLNP EWRMLKYRSF LGSISQQNIR</p> <p>SQQRPRIQEL GTLDASGSLG TCHGPERPHL NLWLEAPDLL LAEVDLPKLD GAQGLALEIG</p> <p>ENRLVIGGPQ QLYHLDATVP LRINSEASRA AFHRRRKQLM VSMPLLTASS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PIH1D1
Alternative Name:	Pih1d1 (PIH1D1 Products)
Background:	PIH1 domain-containing protein 1 (Nucleolar protein 17 homolog),FUNCTION: Involved in the assembly of C/D box small nucleolar ribonucleoprotein (snoRNP) particles (By similarity). Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription (By similarity). Mediates interaction of TEO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1 (By similarity). Positively regulates the assembly and activity of the mTORC1 complex (By similarity). {ECO:0000250 UniProtKB:Q9NWS0}.
Molecular Weight:	32.2 kDa
UniProt:	Q9CQJ2

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months